



Department of Computer Science

School of Engineering & Technology
Islamic University of Science & Technology
Kashmir, J&K - 192122

Selected Publications

S No	Paper Title	Authors	Journal Name	Year of Publication
01	A block based watermarking approach for color images using discrete wavelet transformation	Kaiser Javeed Giri Rumaan Bashir	International Journal of Information Technology	June-2018
02	A classification of script identification systems	Rumaan Bashir Kaiser Javeed Giri Javaid Iqbal	An International Journal of Engineering Sciences	June-2018
03	A Generic Data Mining Model for Software Cost Estimation Based on Novel Input Selection Procedure	Zahid Hussain Wani Kaiser Javeed Giri Rumaan Bashir	International Journal of Information Retrieval Research	January-March 2019
04	A Study of Script Identification Techniques	Rumaan Bashir Kaiser Javeed Giri	An International Journal of Engineering Sciences	December-2016
05	A Discrete Wavelet Based Watermarking Scheme for Authentication of Medical Images	Kaiser Javeed Giri Rumaan Bashir Javaid Iqbal	International Journal of E-Health and Medical Communications	October-December 2019
06	Digital Watermarking: A Potential Solution for Multimedia Authentication	Kaiser Javeed Giri Rumaan Bashir	Intelligent Techniques in Signal Processing for Multimedia Security	2017
07	Character Recognition: An Optimal Feature Based Approach	Kaiser Javeed Giri Rumaan Bashir Javaid Iqbal	An International Journal of Engineering Sciences	December 2016
08	DWT based color image watermarking: a review	Kaiser Javeed Giri S.M.K. Quadri Rumaan Bashir	Multimedia Tools and Applications	August-2020
09	Improved Software Cost Estimation Model Using Cost Driver Reduction Based on Water Cycle Algorithm	Zahid Hussain Wani Kaiser Javeed Giri Rumaan Bashir	International Journal of Computer Sciences and Engineering	22 February-2019
10	Leveraging Graph Theoretic Approach For Online Social Network Analysis	Javaid Iqbal Kaiser Javeed Giri	International Journal of Engineering Sciences	June 2016



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11	Page Ranking and SEO Rank Factors: A Review	Rameez Mushtaq Dar Rumaan Bashir Kaiser Javeed Giri	Journal of Web Engineering & Technology (STM Journals)	2019
12	Reinforcement Learning and Its Supervised View	Rameez Mushtaq Dar Rumaan Bashir Kaiser Javeed Giri	Journal of Advances in Shell Programming	2019
13	Script identification: a review	Rumaan Bashir Kaiser Javeed Giri	Cross Mark	19 June 2018
14	A Comparative Analysis of Community Detection in Online Social Networks	Javid Iqbal Rumaan Bashir	An International Journal of Engineering Sciences,	July 2017, Vol. 24
15	Face Recognition Techniques: A Critical Review	Akib Mohi ud Din Khanday Aamir Amin, Irfan Manzoor Rumaan Bashir	RTPL (2018) 24-30 © STM Journals 2018.	2018
16	A Generic Analogy-Centered Software Cost Estimation Based on Differential Evolution Exploration Process	Zahid Hussain Wani Javid Iqbal Kaiser Javeed Giri	International Journal of Information Retrieval Research	January-March 2021
17	Content Based Document Image Retrieval: A Review	Javid Iqbal S.M.K.Quadri	Journal of Emerging Technologies and Innovative Research (JETIR)	May 2018,
18	A New Approach to Randomized Response Model Using Fuzzy Numbers	Muzafar Rasool	Asian Journal of Mathematics and Statistics	2018
19	A Nonlinear Programming Problem Applying LINGO	Tanveer Ahmad Tarray Muzafar Rasool	International Journal of Emerging Technologies in Engineering Research (IJETER) Volume 5	, 10, October (2017)
20	An Adroit Strategy Randomized Response Model Using Fuzzy Numbers	Tanveer Ahmad Tarray Muzafar Rasool Peer Bilal Ahmad	Statistics and Applications {ISSN 2454-7395 (online)} Volume 16	, 2018



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21	Deep LDA : A new way to topic model	Muzafar Rasool	Journal of Information and Optimization Sciences	2019
22	Finding Optimal Solution of a Linear Programming Problem Using Branch and Bound Method	Tanveer Ahmad Tarray Muzafar Rasool	International Journal of Modern Mathematical Sciences Journal	2016
23	Mixture Weighted Latent Dirichlet allocation, an Optimized and Generalized Probabilistic Model for Large Corpus of Data	Muzafar Rasool M Arif Wani	CiiT International Journal of Artificial Intelligent Systems and Machine Learn	1, January 2018
24	Understanding Twitter Hashtags from Latent Themes Using Biterm Topic Model	Dr.Muzafar Rasool Burhan Bashir , Majid A. Kundroo Naffi A. Ahanger	INDIACom	2018
25	Sentiment analysis of print media coverage using deep neural networking.	Shafi, Kh Muhammad, Muzafar Rasool Bhat Tariq Ahmad Lone	Journal of Statistics and Management Systems	2018
26	Deep LDA: A new way to topic model	Bhat, Muzafar Rasool, et al	Journal of Information and Optimization Sciences	2020
27	A nonlinear programming problem using branch and bound method.	Tanveer Ahmad Tarray Muzafar Rasool	Investigación Operacional	2018
28	Weighted Latent Dirichlet Allocation, an Optimized and Generalized Probabilistic Topic Model	Muzafar Rasool M Arif Wani	Journal of Artificial Intelligence Research & Advances	2018
29	New Randomized Response Procedure for Finding Optimal Solution Using Branch and Bound Method	Tanveer Ahmad Tarray Muzafar Rasool Peer Bilal Ahmad	Journal of Statistics Applications and Probability	2017
30	New Mathematical Strategy Using Branch and Bound Method	Tanveer Ahmad Tarray Muzafar Rasool	Journal of Multiscale Modelling	2017



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31	Sentiment analysis of Social Media Response on the Covid19 outbreak	Bhat, Muzafar, et al.	Brain, Behavior, and Immunity	2020
32	A Hybrid of Harmony Search and Functional Link Artificial Neural Network Model for Software Cost Estimation	Shazia Manzoor, Zahid Hussain Wani	Journal of Emerging Technologies and Innovative Research (JETIR)	2018
33	Artificial Bee Colony-Trained Functional Link Artificial Neural Network Model for Software Cost Estimation	Zahid Hussain Wani S.M.K.Quadri	Advances in Intelligent Systems and Computing	2016
34	Software Cost Estimation Based on the Hybrid Model of Input Selection Procedure and Artificial Neural Network	Zahid Hussain Wani S.M.K.Quadri	International Journal of Artificial Intelligent Systems and Machine Learning,	2018
35	A Novel Software Cost Estimation Model Based on the Hybrid of Artificial Neural Network and Firefly Algorithm	Zahid Hussain Wani S.M.K.Quadri	Journal of Artificial Intelligence Research & Advances	2018
36	An improved particle swarm optimisation based functional link artificial neural network model for software cost estimation	Zahid Hussain Wani S.M.K.Quadri	Int. J. Swarm Intelligence,	2019
37	A Possible Solution to Grid Security Issue Using Authentication: An Overview	Sheikh Amir Fayaz Ifra Altaf Aaqib Nazir Khan Zahid Hussain	Journal of Web Engineering & Technology	2019
38	Leveraging Fuzzy Logic for Finding Influential Users in Online Social Networks	Hilal Ahmad Khanday, Rana Hashmy, Zahid Hussain Wani	International Journal of Scientific Research in Computer Science Applications and Management Studies	2019
39	Software cost estimation using model based techniques: an overview	Javaid Iqbal Bhat Zahid Hussain Wani	Global Journal Of Engineering Science And Researches	2019
40	Improved Software Cost Estimation using General Search based Analogous Project Feature Weight Assignment	Zahid Hussain Wani	Journal of Advances in Shell Programming	2019



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41	An Intelligent Fuzzy Based Framework for Prediction of Heart Diseases	Mahwash Bukhari Sheeba Farooq Hilal Ahmad Khanday Zahid Hussain Wani	Journal of Advances in Shell Programming	2019
42	Cellular automata-based CMF detection under single and multiple post-processing attacks.	Gani, G., Jeelani, Z. & Qadir, F.	Multimedia Systems	2021
43	Cellular automata-based digital image scrambling under JPEG compression attack.	Jeelani, Z., Qadir, F., & Gani, G.	Multimedia Systems	2021
44	Digital Image Encryption Based on Chaotic Cellular Automata.	Jeelani, Z.	International Journal of Computer Vision and Image Processing	2020
45	A comparative study of cellular automata-based digital image scrambling techniques.	Jeelani, Z., & Qadir, F.	Evolving Systems	2020
46	Cellular automata-based approach for salt-and-pepper noise filtration.	Jeelani, Z., & Qadir, F.	Journal of King Saud University - Computer and Information Sciences	2018
47	Cellular automata-based approach for digital image scrambling.	Jeelani, Z., & Qadir, F.	International Journal of Intelligent Computing and Cybernetics	2018
48	An Insight into Cellular Automata-Based Impulse Noise Filtration Algorithms.	Jeelani, Z., & Qadir, F.	International Journal of Advance Research in Science and Engineering	2018
49	A novel point density based validity index for clustering gene expression datasets	MA Wani, R Riyaz	International Journal of Data Mining and Bioinformatics	2017
50	A new cluster validity index using maximum cluster spread based compactness measure",	MA Wani, R Riyaz	Inter- national Journal of Intelligent Computing and Cybernetics	2016